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Misono

[45] Date of Patent: **Nov. 15, 1994****[54] OPTICAL DISC PLAYER HAVING A RESUME FUNCTION**[75] Inventor: **Kousuke Misono, Kanagawa, Japan**[73] Assignee: **Sony Corporation, Tokyo, Japan**[21] Appl. No.: **830,931**[22] Filed: **Feb. 4, 1992****[30] Foreign Application Priority Data**

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[51] Int. Cl.⁵ **G11B 11/18**[52] U.S. Cl. **369/18; 369/32; 369/33**[58] Field of Search **369/18, 33, 32, 47, 369/48, 54; 300/27, 55, 19.1****[56] References Cited****U.S. PATENT DOCUMENTS**

4,772,962 9/1988 Tanaka et al. 369/33

4,899,326 2/1990 Takeya et al. 369/33

5,168,481 12/1992 Culbertson et al. 369/33

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An optical disc player which is comprised of a reproducing unit for reproducing an information recorded on an optical disc, a display unit for displaying information associated with the information reproduced from the optical disc, a first memory for storing therein playback position information of the optical disc at timing point in which the reproducing operation of the reproducing unit is interrupted, a second memory for storing therein information displayed on the display unit, a holding circuit for holding the display information stored in the second memory when the reproducing operation is interrupted, and a control circuit for reading the reproducing position information of the optical disc from the first memory when the reproducing operation is resumed by the reproducing unit and controlling the reproducing operation of the disc on the basis of the playback position information of the optical disc.

14 Claims, 6 Drawing Sheets